

**What is claimed is:**

1. Optoelectronic sensor device with a housing, wherein an optics module and an electronics module are located in the housing.

2. Optoelectronic sensor device as claimed in claim 1, further comprising a transmitter, wherein the transmitter is located in a receptacle device which is provided in the optics module.

3. Optoelectronic sensor device as claimed in claim 1, further comprising a receiver, wherein the receiver is a component of the electronics module.

4. Optoelectronic sensor device as claimed in claim 1, wherein the electronics module has all electronic components necessary for operation of the optoelectronic sensor device.

5. Optoelectronic sensor device as claimed in claim 1, wherein the electronics module comprises a flexible, foldable conductor film.

6. Optoelectronic sensor device as claimed in claim 1, wherein the housing contains a receiver, and an optics module, said optics module having an engagement device by which the optics module is attached in the housing by engagement of the engagement device in the receiving means.

7. Optoelectronic sensor device as claimed in claim 6, wherein the receiving means and the engagement device comprises one of holes and pins and a tongue and groove system.

8. Optoelectronic sensor device as claimed in claim 6, wherein the engagement device is engaged in the receiving means.

9. Optoelectronic sensor device as claimed in claim 7, wherein the housing has two side walls at an angle to one another and a light passage opening in one of the side walls; wherein the engagement device of the optics module is adapted to enable the optics module

to be installed in the housing in at least two different orientations which correspond to an alignment of the optics module relative to the light passage opening.

10. Optoelectronic sensor device as claimed in claim 1, wherein the optics module is pivotally mounted in the housing for rotation around a longitudinal axis thereof.

11. Optoelectronic sensor device as claimed in claim 10, wherein the housing has two side walls which are at an angle to one another; wherein a light passage opening is provided in each of the side walls and the optics module is pivotally mounted in the housing enabling the optics module to be selectively aligned with either one of the two light passage openings.

12. Optoelectronic sensor device as claimed in claim 10, wherein the two side walls of the housing which are at an angle to one another are connected to one another by a cylindrical sector-shaped wall section having a continuous light passage opening; and wherein the optics module is pivotally mounted in the housing for positioning at any area of the light passage opening.

13. Optoelectronic sensor device with a housing and a mounting element which is provided on the housing and adapted for attachment to a holding device, wherein the mounting element is undercut so as to be, in cross section, narrower on an end facing the housing than on an end facing away from the housing, and wherein side edges of the mounting element run at an acute angle relative to one another on the end facing away from the housing.

14. Optoelectronic sensor device as claimed in claim 13, wherein the mounting element is dovetail-shaped in cross section.

15. Optoelectronic sensor device as claimed in claim 13, wherein the mounting element has side edges which are V-shaped relative to one another.

- e as claimed in claim 16,
- e as claimed in claim 17,
- e as claimed in claim 2,
- e as claimed in claim 1

large-area